International Journal of Computer Mathematics VOLUME 16

INDEX

Intern. J. Computer Math., 1984, Index to Vol. 16 0000-0000/84/0000-0000 \$18.50/0 © Gordon and Breach Science Publishers Inc., 1984 Printed in Great Britain

Index

SECTION A No. 1

CALUDE, CRISTIAN and ZIMAND, MARCUS,

A Relation between Correctness and Randomness in the Computation of Probabilistic Algorithms, 47

CULIK II, KAREL, GRUSKA, JOZEF and SALOMAA, ARTO, Systolic Trellis Automata Part II, 3

GRUSKA, JOZEF-see CULIK II, KAREL,

RICHARDS, DANA,

Sorting with Expensive Comparands, 23

SALOMAA, ARTO—see CULIK II, KAREL,

SECTION B No. 1

ANASTASSELOU, ELENI, G.

Computation of the Roots of Cauchy Type Principal Value Integrals, 85

EVANS, D.J.

A Strategy utilising Partial Sturm Sequences for Determining the Eigenvalues of a Symmetric Matrix, 71

OWENS, ROBERT W.

Implementation of a Subgradient Projection Algorithm II, 57

SECTION A No. 2

CHANG, R.C. and LEE, R.C.T.

The Average Performance Analysis of a Closest Pair Algorithm, 125

GOLDSTINE, JONATHAN,—see JONES, LESLIE P.

JONES, LESLIE P. and GOLDSTINE, JONATHAN
Unions of Certain Bounded Deterministic Languages, 99

KORACH, E., ROTEM, D. and SANTORO, N.
Distributed Election in a Circle without a Global Sense of Orientation, 115

LEE, R.C.T.—see CHANG, R.C.

INDEX iii

ROTEM, D.—see KORACH, E.

SANTORO, N.—see KORACH, E.

WILSON, J.M.

A 2 Phase Method for the Minimisation of Boolean Polynomials, 131

SECTION B No. 2

AL-MUTIB, A.N.

One Step Implicit Methods for Solving Delay Differential Equations, 157

EVANS, D.J.

The Direct Solution of Periodic Parabolic Problems by Boundary Value Techniques, 169

TSANTAS, N.—see VASSILIOU, P.C.G.

VASSILIOU, P.C.G. and TSANTAS, N.
Stochastic Control in Non-homogeneous Markov Systems, 139

SECTION A Nos. 3 and 4

BECKER, RONALD I. and SCHACH, STEPHEN R.

A Bottom Up Algorithm for Weight and Height Bounded Minimal Partition of Trees, 211

BHATTACHARJEE, G.P.—see GUPTA, P.

GUPTA, P. and BHATTACHARJEE, G.P.

An Efficient Algorithm for Random Sampling Without Replacement, 201

SCHACH, STEPHEN R.—see BECKER, RONALD I.

TURAKAINEN, PAAVO,

On Characterisation of Language Families in Terms of Inverse Morphisms, 189

WANG, J.F. and YANG, C.S.

On the Number of Spanning Trees of Circulant Graphs, 229

YANG, C.S.—see WANG, J.F.

SECTION B Nos. 3 and 4

Benson, M., Krettmann, J. and Wright, M.
Parallel Algorithms for the Solution of Certain Large Sparse Linear Systems, 245

EVANS, D.J. and HAGHIGHI, R.S.

Explicit Group Versus Implicit Line Iterative Methods, 261

iv INDEX

HAGHIGHI, R.S.—see EVANS, D.J.

JACQUES, I.B.

Block Methods for Parabolic Equations, 317

KRETTMANN, J.—see BENSON, M.

KRIMNIANIOTIS, N.

A Fast Method for Choosing the Optimum Extrapolation Factor for an E.A.D.I. Scheme, 333

WRIGHT, M .- see BENSON, M.